

प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY

सं० 51] नई दिल्ली, शनिवार, दिसम्बर 21, 1985](अग्रहायण 30, 1907) No. 51] NEW DELHI, SATURDAY, DECEMBER 21, 1985 (AGRAHAYANA 30, 1907)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है, जिससे कि यह अलग संकलन के रूप में रखा जा सके। (Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III__खण्ड 2 PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों सेंध्सम्बन्धित अधिसूचनाएं और नोटिसें (Notifications and Notices issued by the Patent Office relating to Patents and Designs)

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Calcutta, the 21st December 1985

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APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214. ACHARY A JAGADISH BOST ROAD, CALCUTTA-17

The dates shown in elected brackets are the dates claimed under Section 135 of the Act.

13th November, 1935

- 896/Cal/85. Cetus Corporation—Method for promoting distillate bend to mattern in recombinant proteins.
- 807/Cal./85. Shields Instruments Limited, Infra-Red Spectrophotometric Apparatus. (Convention dated 13th November 1984) United Kingdom; (Convention dated 17th April, 1985) United Kingdom.

14th November, 1985

- 808/Cal/85 Sangoy Roy Improved rubber stopper or burg for yials.
- 809 'Cal'85. Fives-Coil Babcock. A process of producing coment clinke [Divisional date 19th April, 1982.]

15th November, 1985

- 810/Cal/S5. Hiroshi Ishizuka. Improvements in a method and an apparatus for producing titanium metal from titanium tetrachloride. [Divisional date 24th March, 1982.]
- **811**/Cal/85. Westinghouse Flectric Corporation. Drawout switchgear approachs with extensible track.
- 812/Cal/85. Westinghouse Flectric Corporation. Drawout switchgear apparatus with retractable shutter mechanism for terminal stabs.
- 813/Cal/85. Revion. Inc. Diesters.
- 814/Cal/85 Armour Pharmaceutical Company, Enhanced efficacy aluminium chlorohydrate autoperspirant and method of making same

18th Movember 1985

- 815/Cal '85 Sri Pradip Kumar Rauth B.M.F. M.F. Chimney Pollutant Swallower
- 816/Cal/85 Siemens Aktiongesellschaft Pressure difference measuring device.
- 817/Cal/85. Formica Corporation. Decorative Laminates and method of producing same.
- 818/Cai/85. General Electric Company. Novel cobalt-base superalloy and east and welded industrial gas turbine components thereof.
- 819/Cal/85. The Lubrizol Corporation. Compositions for use in alcohol commining fuels, [Divisional date 20th January, 1983]
- 820/Cal/85. Veb Rohrkombinat Stahl-Und Walzwerk Riesa.

 Device for the control of tube rolling equipments.

19th November, 1385

- 821/Cal/85. Alfa-Laval AB. Outlet arrangement in a centrifugal separator.
- 822/Cal/85 Alfa-Laval AB Arrangement for controlling of the outflow of a separated component from a contributed in position

823 /Cal 85. Satiptasanna Dasthaket and Dinesh Roy Chendhurt, Calprovit,

20th National 1985

- 824/Cal/85. TLV Company, Limited. Pressure reducing valve.
- 825/Cal 85. Georg Fischer Aktiengesellschaft. Method of vaporizing additives in metal melts.
- 826/Cal 85. Stopine Aktiengesellschaft, Sliding lock for the effusion of metallurgical containers.

COMPLETE SPECIFICATION ACCEPTED

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CLASS: 64-B₁ 156952

Int. Cl.: H 01 b 13/00.

A METHOD OF MAKING A CONNECTION BETWEEN THE METAL ARMOUR, SCRFFN OR SHIELDING OF A POWER CABLE AND A METAL BRIDGING ELEMENT AND AN ASSEMBLY FOR THE SAME.

Applicant: RAYCHEM CORPORATION OF 300 CONSTITUTION DRIVE. MENIO PARK, CALIFORNIA-94025, UNITED STATES OF AMERICA.

Inventors: 1. ROBIN JAMES THOMAS CLABBURN. 2. PETER LARS LARSSON.

Application No. 881/Cal/82 July 29, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

30 Claims

A method of making a joint between at least two power cables by connecting the metal armour, screen or shielding of a power cable and a metal bridging element which spans a joint between said power cable and at least one other power cable, said power cable comprising a core a sheath surrounding said core, metal armour, screen or shielding surrounding the sheath, and an outer insulating layer, the method comprising the steps of :

positioning over the end of said cable a hollow metal cylinder, the cylinder having an internal diameter greater than the diameter of the cable sheath, and comprising two end portions and ar intermediate portion the intermediate portion having an outer diameter larger than the outer diameter of each end nortion;

scaling as herein described one end portion of the cylinder to the cable sheath,

clamping the metal armour, screen or shielding of the cable to said one end portion of the cylinder; and

clamping the other of said end portions of the cylinder to one end of hie metal bridging element.

Compl. specn. 21 pages.

Digs. 1 sheet.

CLASS: 99-A, 195-D

156953

Int. Cl.: B 67 c 3/00.

A DISPENSING VALVE ASSEMBLY FOR A CONTAINER FOR A PRESSURISED FLUID AND A CONTAINER INCORPORATING SUCH VALVE ASSEMBLY.

Applicant: METAL BOX p.l.c. OF QUEEN'S HOUSE, FORBURY ROAD, READING RGI 3JH, BERKSHIRE, ENGLAND.

Inventors: 1. I EONARD IVOR MACNAIR, 2. GARY FISHLOCK.

Application No. 930/Cal/882 filed August 6, 1982.

Convention dated 6th August, 1981 (8124007) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A dispensing valve assembly for a container for a pressurised fluid, comprising a cup adapted for mounting the assembly to a container body, valve means including a valve housing having a head thereon which lies inside the cup, the cup being formed with internal projections which engage under the head to secure the valve housing to the cup and which also engage with a tubular portion of the valve housing adjacent to the head to restrain movement of the housing adjacent to the cup, and a propellant fluid from outside the cup to a region between the inner surface of the cup and exterior of the valve housing, wherein said tubular portion of the housing is formed so as to provide a plurality of flow paths along which projections, which flow paths are sufficiently narrow, in the circumferential direction and relative to the width of the projections in that direction, that irrespective of the angular orientation of the housing relative to the cup the projections firmly engage with said tubular portion without substantially restricting said flow paths.

Compl. specn. 17 pages.

Digs. 1 sheet.

CLASS: 68-D

156954

Int. Cl.: G 05 d 23/00.

FLECTRICAL APPARATUS HAVING TEMPERATURE PROBE FOR MONITORING THE TEMPERATURE AT A PREDETERMINED LOCATION OF THE WINDING IN THE APPARATUS.

Applicant: WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CFNTER. PITTSBURGH. PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor: FRANK WILLIAM BENKE.

Application No 989/Cal/82 filed August 26, 1982.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

An electrical apparatus of the type which includes an electrical winding and a temperature probe for monitoring the temperature at a predetermined location within the winding and for supplying a signal indicative of the temperature sensed, said temperature probe comprising an optical fiber

probe having a sensor end and an optical-signal supplying end, and a protective tupe which extends into said winding and to said predetermined location therein, and which tube has an inner diameter enabling the optical fiber probe to be slideably received in the tube characterized in that said protective tube has at least its inner wall formed of a material having a low coefficient of friction, and is devoid of bends substantially less than about 2.5 cms in radius, thereby to enable the optical fiber probe to be freely inserted into and removed from the tube; and, furthermore, that said winding has disposed therein compressive-force absorbing members which extend alongside said tube at opposite sides thereof such as to absorb any compressive forced therefor toward the tube, thereby to protect said tube from being deformed during the assembly and subsequent operation of the winding.

Compl. specn. 8 pages.

Digs, 2 sheets.

CLASS: 128-F

156955

Int. Cl. . A 61 m 5/00.

AN APPARATUS FOR INJECTION.

Applicant & Inven or: DR. MED WOLFGANG WAGNER OF EXERZIFRSTRASSE 1, 1 BERLIN 65, EAST GERMANY.

Application No. 995/Cal/82 filed August 26, 1982.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

An apparatus for injection, particularly for use with hypodermic injections, comprising an upper chamber with negative pressure which is accumulated during the manufacturing process; a covering lid with a central funnel for the insertion of a container with means for applying measured doses of a liquid; a cannula shart, antightly fastened to said covering lid and spatially continuing said funnel, the lower end of which has its tip extending into a suction cup, immediately touching to said upper chamber and having a base plate together with it; and valve means for preventing the communication of the negative pressure in said upper chamber to said suction cup, until said suction cup is in pressure contact with the skin.

Compl. speen, 27 pages

Digs 6 sheets

CLASS: 51-D

156956

Int. Cl.: B 26 b 21/00.

A SAFETY RAZOR.

Applicant: HARBANS LAI MAI HOTRA & SONS LTD., 12 NEW CIT ROAD. CALCUTTA-700073, STATE OF WEST BENGAL, INDIA.

Inventor: NAVIN PRAKASH MALHOTRA.

Application No. 1029 Cal '82 filed September 6, 1982

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A satety tazor comprising a handle having an internally threaded axial hole at one end and a blade holder means characterized in that the said blade holder means is having an externally threaded pin extending from its lower surface adapted to be fitted with the said internally threaded axial hole of the handle, the said blade holder means having a cylindrical member with the said externally threaded pin extending from its one end and a cross bar for mounting a single edged blade cartridge at the other end thereof.

Compl. specn 8 pages.

Dig. 1 sheet.

CLASS 32-E, 40 F

156957

Int CI . C 08 t 3 30, 29/18

A VERTICAL TYPE POLYMERIZATION REACTOR.

Applicant SHIN-FTSU CHEMICAL CO LTD OF 6-1, OTEMACHI 2-CHOMI CHLYODA-KU TOKYO JAPAN

Inventors 1 YOSHITAKA OKUNO 2 IOSHIAKI MARUYAMA 3 TADASHI AMANO 4 SHOHFI KOJI-MA, 5 FOSHIMICHI KOGA

Application No 1060 'Cal 82 filed September 13, 1982

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Calcutta

5 Claims

A vertical-type polymerization reactor for the polymerization of vinyl chloride or a monome mixture mainly composed of vinvl chloride in an aqueous medium which comprises a set of horizontally rotatable form-breaker arms provided at such a height as to ensure rotation thereof above the surface of the aqueous polymerization mixture and at least one hood provided above the foam breaker arms having such a configuration and a disposition that the foam-breaker arms are covered in the upward and horizon tal directions

Compl speen 26 pages

Digs 2 shees

CLASS 32 L₁

156958

Int Cl 607 c 17/02

PROCESS FOR MAKING 2 DICHEOROLTHANE

Applicant HOFCHST \KTILNGFSELLSCHAFT D-6230 FRANKFURT/MAIN 80 FFDERAL REPUBLIC OF GERMANY

Inventors I JOACHIAI HUNDECK 2 HAR ALD SCHOLZ, 3 HANS HENNEN 4 BERNHARD KUXDORF, 5 HERBERT PUSCHE 6 HEINZ VOMBERG 7 GERHARD LINK.

Application No. 1092/Cal S2 filed September 21, 1982

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office Calcutta

12 Claims

Process for making 1 2 dichleroethane by reacting ethylene and chlorine in a reaction zone having a liquid medium containing chleroated C-hydroeirbons circulated therein at a temperature lower than the evaporation temperature of said medium under the pressure prevailing inside the reaction zone, in the presence of a customary Chlorination inducing catalyst ind optionally an inhibitor reducing the formation of by products so as to obtain crude 1 2 dichloroethane, removing the crude dichloroethane from the reaction zone and purifying it is a separate downstream frictionating zone, which comprises

- (a) introducing approximately equimolal proportions of ethylene and chloring into the circulated liquid medium, intensively mixing the whole in a mixing zone and then reacting the mixiure in a reaction zone at a temperature of between 75 and 200 C under a pressule of between 1 and 15 bars the mean solutin time of the reaction mixture in the mixing zone and reaction zone being equal to 1 to 15 hours
- (b) removing a portion of the liquid reaction mixture from the reaction zone and subdividing said portion into two partial streams passing one or these partial streams through a heat exchanger for abstraction of calorific energy and reduction of its realial temperature and receding it to the mixing

and reaction zone, introducing the second pathal steam into an expansion vessel and evaporating theteir a proportion corresponding to the quantity of reaction product to med in the reaction zone and optionally also a proportion of 1. 2-dictidoro-citizen or the reaction in the source and being introduced into the reaction zone in roducing resulting vaporous matter into a fractionating column and ceveling unexported liquid metter of the second partial stream into the liquid medium cultured in the mixing and rection zone and

(c) separating disallatively 1—2-dichlorocthane from the vaporous matter introduced into the tractionating column with the esc of a portion of the energy transferred inside the heat exchanger and removing the 1—2-porchloroethane overhead higher chlorinated products being obtained in the column's base portion from which they are removed and worked up separately.

Compl specn 24 pages

Digs 2 sheets

CLASS SI-R

156959

Int Cl F 27 b 1/16 1 24 3 14

A WALLR COOLED FURNACI

Applicant COMBUSTION INGINITRING INC OF 1000 PROSPECT HILL ROAD WINDSOR CONNECTICUT UNITED STATES OF AMERICA

Inventors | 10HN ALI AN MIDDLETON 2 THO-MAS LINCOLN O DWYFR

Application No. 1139/Cal 82 filed October 1. 1982

Appropriate office for opposition proceedings (Rule 4 Pitents Rules 1972) Patent Office Calcutta

5 Claims

A water correct turnace having a metal furnace shell and means for vater cooling to sterior states of said shell the morovit ent compassing, teletively uniformly thick liming or used refractor blocks attached to the interior surface of said shell wherein said refractory lining has a thermal conductivity such that a significant portion of the thickness of the retractory lining will remain when equilibrium conditions have been reached whereby said refractory lining will maintain its mechanical integrity.

Compl. specn. 10 pages

Digs 2 sheets

CLASS 53-C

156960

Int C1 B 62 m ° 00 11/00

A VARIABLE SPROCKET USEFUL PARTICULARLY IN BICYCLES

Applicants & Inventors (1) ROYCE HILL HUSTLD OF 711 LARSIDE DR WITH AFON HANDLES 66187. USA (2) SAMUEL SHIBER OF 529 KHLARNEY MENDILL NOT 111 INOIS 60060 USA

Application No. 1167 Cal/82 like October 8, 1982

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Cilcutta

8 Clums

A variable sprocket (20) comprision in combination an axic (13) a drive flange (21) mounted on said tixe an indexing flinge (25) rotatably mounted on said axie opposite of said drive flange and notice or pluritity of spiral-ways came (26) two shock segment-planets (29) and at least two idlet-planets (31) come or to said flanges coupling means (31, 24) to tripically in into a forces between said spiral vivy came and said diversinge comproducts (7) attached to said places to egaging with and following said spiral-ways-cames (26) comprising a series of illumining dipressions (35) and hills (36), buch more the places (29, 31) closer, and

further to and from said axlc respectively a said planets slide along said spiral wavy cams a chain (32) made of links and having a pitch equilling the length of said chain divided by the number of said links as id chain (32) which approximately one half the peoph of said variable sprocket (20) tension in said chain generating tangential loads on said spicket segment-planets (29) which are transmitted through said coupling means (34–24) to said drive flange (21) tension in said chain also generating tadial loads on said planets (29–31) which are transmitted by said cam followers (37) to said spiral wavy cams (26) forcing and securing the lim followers (37) in said depressions (35) characterized in that the location of said planets (29–31) when their cam followers (37) and when both sprocket-segment planets (29) are (ngaged with said chain (32) as such that the length of chain (32) which is trapped between said sprocket segment-planets (29) is substantially without sleek and is a whole number of pitches.

Compl specn 12 pages

Dig 1 sheet

CLASS 190 D

156961

Int Cl B 63 h 9/00 13/00

WIND DRIVEN POWER GENERATING PLANT

Applicant OKO ENERGIE AG OF HEGIBACHS FRASSI 110 CH 8032 ZURICH SWITZER AND

Inventor 1 DR GUNTHER WAGNER

Application No. 1224/Cal/82 filed October 19. 1982

Appropriate office for opposition proceedings (Rule 4 Potents Roles 1972). Patent Office Calcutta

12 Chimis

Wind driven power generating plant with it least one blade rotatible about a rotation axis of the kind described characterized in that the rotation axis (5) of rotor (1/2) is oriented in oblique angled manner to the holizontal (7) and high (8) for receiving the plade base (9/10) with associated power transmission means is corrected to a supporting raember

Complespeen of pages

Drg 9 sheets

CLASS 116 D

156962

Int (1 Bo6t 1 00

IMPROVEMENTS IN OR RELATING TO TACKING APPARAGES FOR MOVEMENT OF LOADS

Applicant McDERMOTT INCORPORATED OF POBOX 60035 1010 COMMON STREFT NEW ORIEANS LOUISIANA 70160 U.S.A.

Inventors 1 MICHAEL JOSEPH LEGLUI 2 NICO DEBOER

Application No. 1445/Cal 82 filed December 15, 1982

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office Calcutta

16 Claims

A ticking apparitus for movement of loids comprising means for generating force to application against it lenst two anchor points for movement of a load to be tanshus sion means including the lenst two conditions cylinders for transmitting the generated force through fluid in suid equalizing cylinders to the archor points and mains for limiting the fluid pressure in each of suid equalizing cylinders to a predetermined value.

Comil 1 of 19 pages

Dre 2 sheets

CIASS 195 D & I

156963

Int Cl E 22 b 35/00 35 18

LOAD CONTROL FOR INTRGY CONVERGERS 3

Appleart THE BABCOCK & MITCOX COMPANY, AT 1010 COMMON STREET NEW ORLEANS, LOUS-IANA 70160 UNITED STATES OF AMERICA

Inventor 1 AZMI KAYA 2 MARION ALVAH KIYFS

Application No 1452 Cal/82 filed December 16 1982

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Pirent Office Calcutta

4 Claims

A load control device for a system comprised of a plurality of energy converters comprising a first means generating a System Control corresponding to system load, means generating stemals corresponding to the cost of production of each of said plurality of conviters means selecting the least cost stemal from imong said last named signals means generating output signals curing an increase in the System Control Signal and mains under the control of the System Control Signal and mains under the control of the System Control Signal to increase the rate of production of the converter having lowest cost of production while inhibiting a change in the ratio of production of the other convertes in said plurality of converters to thereby maintain equalibility of converters and demand

Compl speen 9 pages

Dig I sheet

CLASS 131 B

156964

Int C1 | L 21 b | 13 | 11

WELL PERIORATING APPARATUS

Applicant SCHLUMPERGER LIMITED OF 277 PARK AVENUE NEW YORK NY 10172 UNITED STATES OF AMERICA

Inventors 1 ALAIN POTTIFR 2 PILRRE CHES-NFL 3 BERNARO CHAINTREAU

Application No 905/Cal/81 filed August 12 1981

Appropriate office tor opposition proceedings (Rule 4, Patents Rules 1972) Pitent Office Culcutta

15 Claims

Well pifo itms appurtus comprising

- an elongated support comprising a series of flatfried ections offset ngularly around the longitudial direction and pieced with lingitudinally spaced at icl ment holes
- explosive charges having sealed cases fixed to the support in the attachment holes with axes substantially respendicular to the flat faces and
- -- detonating means operated electrically and connected to said charges to fire them

characterized in that each of said support sections has two attachment holes spread longitudinally with a distance between centers smaller than the maximum diameter of a charge perpendicular to its axis and in that the charge cases have rou parts of reduced darmeter engaging in the attachment holes such that two charges are fixed on each of a support sections with the axis of said two charges crient dark opposite tablial directions.

Compl Specn 13 pages

Drgs 4 sheets.

156966.

CLASS: $32 F_1$, & $32=F_2$ a & c, $55-D_2$, $60-X_1$

156965.

Int Cl C 07 c 153/00

A PROCESS FOR PREPARING S-METHYL N-[(N-METHYL-N-(N, N DISUBSTITUTED AMINOSULFENYL) CARBAMOYL) OXY] THIO ACETAMIDATE DERIVA-

Applicant OTSUKA CHEMICAL CO LTD, OF NO 10 BUNGOMACHI, HIGASHI KU, OSAKA SHI OSAKA,

Inventors 1 TAKESHI GOTO 2 HISASHI TAKAO, NORIO YASUDOMI, 4 NORIO OSAKI, 5 TADATERU **MURATA**

Application No 227 Cal/82 filed February 26, 1982

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

A process for preparing the S methyl N [(N-methyl N-l(N, N disubstituted aminosulfenyl) carbamoyl)-oxy] thioacetamidate derivative represented by the formula (I) shown in the accompanying drawings,

C=N-0-

H

wherein R_1 and R_2 , which may be the same of different, each represents $\lambda COOR_3$, in which X represents an alkylene group having 1 to 6 carbon atoms, and R3 represents an alkyl group having 1 to 8 carbon atoms or a cycloalkyl group having 3 to 6 carbon atoms, R₂ further repesents an alkyl group having 1 to 8 carbonatoms, a cycloalkyl group having 3 to 6 carbon atoms, a phenyl group which may be substituted with a halogen atom, an alkyl group having 1 to 3 carbon atoms or an alkoxy group having 1 to 3 carbon atoms, a atoms of an alkoxy group naving 1 to 3 carbon atoms, a benzyl group which may be substituted with a halogen atom, an alkyl group having 1 to 3 carbon atoms of an alkoxy group having 1 to 3 carbon atoms of -Z R4, in which Z represents a carbonyl group of a sulfonyl group and R4 represents an alkyl group having 1 to 3 carbon atoms, an alkoxy group having 1 to 3 carbon atoms of a phenyl group which may be substituted with a lower alkyl group, which comprises reacting S methyl N [(methylcaibamoyl) oxy] thioacetamidate represented by the fomula (II) shown in the drawings

with an aminosulfenyl chloride derivative represented by the formula (III) shown in the drawings

wherein R₁ and R are as defined above

Compl Specn 36 pages Drgs. 3 sheets

CLASS 76 B

Int Cl E 04 b 1/40

CLAMP MEANS SULFABLE FOR USE IN REMOVABLE MOUNTING JOINTING OF SECTIONS, PANELS OR ANY OTHER PREFABRICATED ITEMS

Applicant LSMOND FONSECA, RANDHI VENKATA RAMES₁1 AND FREDRICK ETTO, OF 11, HUNGERFORD STREET CALCUTTA--700017, WEST BENGAL, INDIA

Inventor 1 ESMOND FONSECA

Application No 290/Cal/82 filed March 15, 1982

Complete Specification left on 19th February, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Kules, 1972) Patent Office, Calcutta

9 Claims

A clamp means suitable for use in removable mounting/ jointing of sections panels or any other pre fabricated items, such as herein described, said clamp means being constituted by a reaf spring formed such as to have a vertical limb and a bent 1 mb extending from said vertical limb, the latter being adapted to be securedly or removably fitted to any desired part/portion of one of said sections, panels or items, and said bent limb or the free end thereof projecting from the line of axis of the said vertical limb, said bent limb or said free end thereof being provided a round edge in the form of a loop for facilitating smooth access of the surface of another said section panel of item when in confact therewith against the tension of the leaf spring

Povisional Specification 8 pages Digs 6 sheets

Compl Speen 19 pages Dig 1 sheet

CLASS 145 D

156967.

Int (1 D 21 f 5/00

DRYER DRUM SIPHON

Applicant BELOII CONSIN 53511, USA BELOIT CORPORATION, BELOIT, WIS-

Inventors 1 JAMLS LARRY CHANCE, 2. RONALD DUANE COOKL, 3 LDGAR J JUSTUS, 4 GREGORY LYNN WEDEL

Application No 415, Cal, 82 filed April 14, 1982.

Appropria e office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

12 Claims

A diver drum iphon for paper marking machinery dryer drums comprising a rotary annular hollow cylindrical dryer dum shell having means for delivering steam to the interior for heating the outer drum suface to dry a paper web in contact with the outer surface, and a condensate siphon conduit means leiding from the interior of the drum to the exterior thereof for removing condensate forming on the inner surface of the shell characterized in having a siphon tip connected to the sine end of the conduit means for receiving condensate from the inner surface of said shell so that the condensate is removed and flows through the conduit means said tip having in inlet opening defined in a base of the tip, and the tip having a leading edge facing in the direction of shell rotation which edge includes angularly toward the inner surface of the shill form the energy of the shell between 10 and 45° so the the old rates arried beneath said edge with a ram crect into the ap opening

Compl Specn. 16 pages. Drg. 1 sheet.

CLASS: 88 F

156968

Int Cl C 01 c 1/12

IMPROVED PROCESS FOR THE RECOVERY OF AMMONIA AND CARBON DIOXIDE FROM THE WASTE STREAMS OBTAINED IN THE PREPARATION OF UREA

Applicant UNIE VAN KUNSTMFSTFABRIEKEN BV OF MALIFBAAN 81, UTRLCHT THE NFTHERLANDS

Inventor 1 ADOLPHE MARIF DOLWES

Application No 531/Cnl/82 fled May 12 1982

Appropriate office for exposition proceedings (Rule 4 Patents Rules 1972) Patent Office Calcutt τ

4 Claims

Improved process for the recovery of immonia and carbon dioxide from the gaseous and liquid waste streams containing urea that are formed in the preparation of particulate urea products in which a dilute aqueous urea solution is subjected to a hydrolysis treatment and the ammonia and carbon dioxide thus formed are removed from the solution by stripping characterized in that the urea is removed from the gaseous waste stream by washing with at least part of the liquid waste stream containing urea and the solution thus obtained is subjected to the hydrolysis treatment

Compl Specn 13 pages Drg 1 sheet

CLASS · 42-D

156969

Int Cl A 24 b 3/18

AN IMPROVED PROCESS FOR IMPROVING THE FILLING CAPACITY OF TOBACCOS

Applicant HF & Ph F RFFMTSMA GmbH & CO OF PARKSTRASSE 51 2000 HAMBURG 52 FFDFR \(1 \) RF-PUBLIC OF GFRMANY

Inventor 1 KLAUS DIFTER ZIFHN

Application No 545/Cal/82 filed May 14 1982

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office Calcutta

5 Claims

An improved pocess for improving the filling capacity of tobaccos by treating the tobacco with a gas under pressure and subsequent heating after relief of the pressure said process comprising treating the tobacco with nitrogen argon or a mixture of nitrogen and argon at working pressures upto 300 bar followed after pressure relief, by a biref thermal after-treatment characterized in that the said high pressure gas treatment of the said tobacco with nitrogen is carried out at a minimum pressure of 150 bar and with argon at a minimum pressure of 50 bar and the thermal after-treatment being per formed with water vapour as saturated steam having a moisture content of 0.5 to 10 kg/m3 and that the tobacco is simultaneously thoroughly moisture and swellen while releasing condensation energy of steam

Compl Specn 12 pages Drgs nil

CLASS 179-A

156970

Int Cl B 65 b 51/00

SEAMING ROLLS AND CHUCKS

Applicant MFTAL BOX blc OF QUEFNS HOUSE FORBURY ROAD READING RG1 3 TH BERKSHIRE FNGLAND

Inventor 1 DAVID JOHN GRAVES

Application No. 546/Cal 82 filed May 11 1982

Convention dated 14th May 1981 (8114703) UK

Appropriate office for apposition proceeding (Rule 4 Patent Piles 1972) Patent Office Calcutta

8 Clums

A chuck and foll for a can closing machine and similarly acting machines comprising a chuck having a peripheral chuck will be support the chuck wall of a can end and a roll having a first wall portion inward to the chuck wall extending axially from the chuck wall and a second wall portion extending inwards in a direction substantially perpendicular to the first wall portion and the roll has an annular surface extending outward from the roll surface in a direction substantially perpendicular to the first wall portion and the roll has an annular surface extending outward from the roll surface in a direction substantially perpendicular to the first wall portion extending axially from the annular surface towards the eam forming groove so that contact of the second wall portion of the chuck will with the seam forming groove of the roll and engagement of the cylindrical portion of the roll with the first wall portion of the chuck wall confecting the surface of the seam forming groove

Compl specn 12 jages

Drg 2 sheets

CLASS 127 G

156971

Int Cl G 05 d 13/64

TWO SPFI D DRIVE MI CHANISM FOR TWO WHEFLER AND THREE WHEFLER MOTOR VEHICLES

Applicant ABIRKUMAR SARKAR, OF FLAT NO 28, 15 SART CHATTERIFE AVENUE CALCUTTA-29

Application No. 573 Cal/82 filed May 20 1982

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

8 Claims

A two speed drive mechanism for a two wheeler or three wheeler motor vehicle comprising a shaft supported within a casing means such as a pulley or sprocket wheel provided on said shaft for rotating the shaft from the engine of the vehicle two separate means being two sprocket wheels or pulleys provided on the shaft each integral with or secured to a clutch member for transmitting drive from the shaft to the axle of the front wheel of the vehicle two other complementary opposed clutch members adapted to be moved into engagement selectively with the said clutch members and means being a lever provided for selecting operation of either of the said two separate means

Compl specn 7 pages

Dig 1 sheet

CIASS 88-D

Int C1 F 23 g 7/00

156972

METHOD AND PLANT FOR CONVERSION OF WASTE MATERIAL TO STABLE HINAL PRODUCTS

Applicant SKF STFLI ENGINEERING AB OF PO BOX 202 S 813 00 HOFORS SWFDFN

Inventors 1 SVEN SANTEN 2 IAN THORNBLOM

Application No 802/Cal 82 filed July 12 1982

Appropriate office for opposition proceedings (Rule 4, Putents Rules 1972) Patent Office Calcutta

25 Claims

Method of converting waste material containing and/or comprising thermically disintegratable chemical substances to stable final products such as COHO and HC1 the waste m terial in order to effect di integration being subjected to a plasma gas of hi h temperature generated in a plasma generator characterised in that the waste majerial in feedable form is caused to pass through a reaction zone heated to it least 2000 (and that such an oxygen potential is maintuined in that a right zone that the disintegration products are continuoual conject to stable final products

Compl Specn 18 pages

Drgs 1 sheet

CLASS: 172-E.

156973.

Int. Cl.: B 65 h 54/02.

A METHOD OF FORMING A TAPERED FILAMENT WOUND ARTICLE.

Applicant: UNITED TECHNOLOGIES CORPORATION, AT 1 FINANCIAL PLAZA, HARTFORD, CONNECTICUT 06101, UNITED STATES Or AMERICA.

Inventors: 1. WARREN HILL PINTER, 2. DAVID HAR-VEY BLANEY.

Application No 1229/Cal/82 filed October 19, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A method of forming a tapered filament wound article such as for example a tapered airfoil blade which are employed in large wind turbine blades by winding a band of juxtaposed filaments (25) about a form (16) having a longitudinal winding axis; said method being characterized by the steps of:

- (a) defining first, second and third longitudinally (50, 55, 60) spaced stations on said form (16), said second station (55) being located between said first and third stations (50, 60), the girth of said form (16) at said first station (50) being greater than at said third station (60).
- (b) continuously winding said filament band (25) about said form (16) between said first and third stations (50, 60) until the entire girth of said form (16) at said second (55) station is covered with a layer of said filamentary material (25) of desired thickness while portions of the girth of said form (16) in the area at said first station (50) remain uncovered with said filamentary material (25) so that the perimeter or girth at station (60) is a predetermined fraction of that at station (55) where the girth is covered by a continuous disposition of a single thickness of the filamentary band, the turns at station (60) overlie one another to the extent that at station (60), a multiple thickness of the filamentary band is wound,
- (c) continuously winding said filament band (25) about said form (16) between said first and second stations (50, 55) until the entire girth of said form (16) at said first station (50) is covered with a layer of said filamentary material of desired thickness.

Compl. Specn 18 pages.

Drgs 2 sheets.

CLASS: 11-C.

156974

Int. Cl. A 22 c 29/00.

AN APPARATUS FOR REMOVING AN ANIMAI FROM A SHELL.

Applicant & Inventor: ARTHUR CHARLES CARPENTER, C/O. V.F. KIESSI ING. 163 COLLINS STREET, MELBOURNE. VICTORIA 3000, AUSTRALIA.

Application No. 1317/Cal/82 filed November 10, 1982.

Convention dated 10th November 1981 (PF 81 1491) Australia.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta

7 Claims

An apparatus for removing an animal from a shell, said apparatus comprising a tubular substantially helical main portion having an anet for ingress of fluid into the interior it said main portion and an outlet adjacent one end of said main portion for ingress of fluid from the interior of said main portion and an attachment portion for coupling the apparatus to a source of high pressure fluid.

Compl. Speen. 7 pages.

Digs. 1 sheet.

CLASS: $32F_2(h)$.

156975

Int. Cl.: C07d 85/00.

"A PROCESS FOR THE PREPARATION OF HYPO-GLYCEMIC 5-SUBSTITUTED OXAZOLIDINE-2, 4-DIONES AND PHARMACEUTICALLY ACCEPTABLE CATIONIC SALTS THEREOF".

Applicant: PFIZER INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARF, UNITED STAES OF AMERICA OF 235 EAST 42ND STREET. NEW YORK, STATE OF NEW YORK, UNITED STAIFS OF AMERICA.

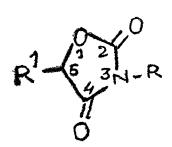
Inventor: RODNFY CAUGHREN SCHNUR.

Application for Patent No. 364/Del/81 filed on 9th June, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-

4 Claims

A process for preparing a racemic or optically active compound of the formula I



and pharmaceutically acceptable cationic salts thereof wherein R is hydrogen, $(C_1\text{-}C_4)$ -alkanoyl, $(C_2\text{-}C_4\text{-}carbalkoxy, (C_1\text{-}C_3)$ -alkylcarbamoyl, $(C_5\text{-}C_7)$ -cycloalkyl- carbamoyl or di- $(C_7\text{-}C_7)$ -alkylcarbamoyl; and R is a radical of formula 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 or 13

$$z \leftarrow \sum_{z}^{z} \sum_{z}^{A} z^{3}$$

wherein

Z is fluoro or hydrogen;

Z¹ is acetamido, amino, benzyloxy, chloro, phenoxy, nitro or trifluo-omethyl;

Z² is acetamido, amino, benzyloxy, phenoxy, nitro or triguoromethyl;

Z² is methyl, (C₁-C₂) alkoxy, methylthio, chloro or fluoro;

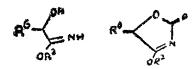
Z' and Z' are each independently hydrogen, methyl, bromo, chloro, fluoro, cyano, nitro, or trifluoromethyl;

Y is hydrogen, methyl, benzyloxy, (C₁-C₂) alkoxy, methoxy, chloro, bromo or fluoro;

Y' is hydrogen or methoxy; and

Y's is fluoro or chloro;

or a pharmaceutically acceptable cationic salts thereof which comprises reacting phosgene with a compound of the formula



wherein R^2 is $(C_1 - C_3)$ alkyl; and R^0 is a radical of formula 1. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 or 13 as herein before defined in a reaction mert colvent such as herein described to form the compound of formula III (26 above)

wherein R² and R⁶ are herein above defined and with or without esolation hydrolyzing said compound of formula III to yield a compel of formula I and preparing said pharmaceutically acceptable cationic salts by known methods.

Compl. Specn. 155 pages

Drgs. 7 sheets.

CLASS: 32F1, F2(b)

156976

Int. Cl.: C07d 85/00.

"A PROCESS FOR PREPARING A RACEMIC OR OPTICALLY ACTIVE 5-SUBSITUTED OXAZOLIDINE-2, 4-DIONE COMPOUND."

Applicant: PRIZER INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA OF 235 EAS 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

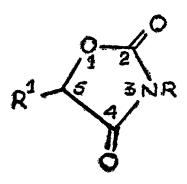
Inventor: RODNEY CAUGHREN SCHNUR.

Application for Patent No. 365/Del/81 filed on 9th June, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claime

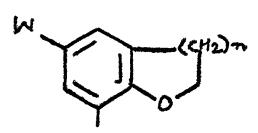
A process for preparing a racemic or optically active 5substituted oxazolidine-2, 4-dione compound of formula I



Wherein R is hydrogen, (Ci-C₄) alkanovl, benzoyl, (C₂-C₄)-carbalkoxy, (C₁1C₃) alkylcarbamoyl, (C₅-C₇) cycloalkylcarbamoyl or di (C₁-C₂) alkylcarbamoyl; and

R1 i

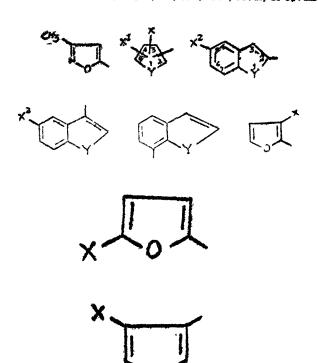
a radical of Formula VII



wherein W is chloro or fluoro, and n is 1 or 2;

a radical of Formula VIII or

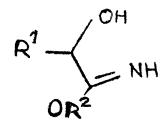
radicals of Formulae IX, X, XI, XII, XVI, XVII, or XVIII



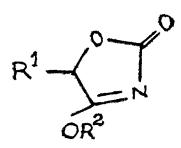
wherein Y is sulfur or oxygen; X is hydrogen, halo, methyl, phenyl, benzoyl or $(C_1\text{-}C_3)$ alkoxy; X^1 is hydrogen or methyl; and X' is hydrogen or halo;

which is characterized by

(a) reacting phosgene with a compound of the Formula II



to form an intermidiate compound of the formula III



in a reaction inert solvent in the presence of a tertiary amine at 0-25°C and, with or without isolation, hydrolyzing in any known manner, said intermediate compound of the formula (III) to yield a compound of the formula (1).

Compl. specn. 87 pages

Drg 4 sheets.

CLASS : 32F2(b)

156977

Int. Cl : C 07 d 51/00.

PROCESS FOR PREPARING 5 SUBSTITUTED DIALURIC ACIDS.

Applicants: PFIZER INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMPRICA OF 235 EAST 42ND STRFET, NEW YORK, STATES OF NEW YORK, UNITED STATES OF AMERICA.

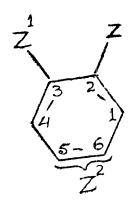
Inventors · FAUSTAS JUOZAS RAJECKAS AND GERALD FAGAN HOLLAND

Application for Patent No 366/Del/81 filed on 9th June, 1981.

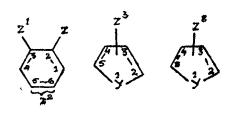
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

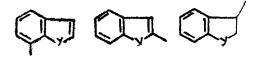
10 Claims

A process for preparing a compound of the formula I

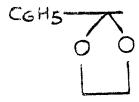


which comprises reacting alloxan with an organometallic reagent of the formula RM in a reaction inert solvent of the kind such as herein described at a temperature of -90°C to 50°C., in which R is an organic radicals as shown in the group of formulae 1 to 6





wherein Z is hydrogen, methyl, (C_1-C_2) -alkoxy, chloro or fluoro; Z^1 is hydrogen, methyl, chloro or fluoro; Z^2 is hydrogen, methyl, chloro or fluoro; Z^2 is hydrogen, methyl, methyl, phenyl, (C_1C_2) -alkoxy, fluoro, chloro, bromo or radical of formula 7



and Y is sulfur or oxygen and M is Li or MgX, wherein X is Cl. Br or I

Compl. specn. 27 pages.

Drg. 3 sheets.

CLASS: 48C

156978

Int. Cl.: H01 b 7/00, 17/00, 19/00.

"METHOD OF MAKING MULTI-SHELL INSULATOR".

Applicant: GEOFFREY THOMAS GLASSON, OF 56 WATERHOUSE AVENUE, ST. IVES, NEW SOUTH WALES, 2075, AUSTRALIA. AN AUSTRALIAN CITIZEN.

Inventor: GEOFFREY THOMAS GLASSON.

Application for Patent No. 432/Del/81 filed on 7th July, 1981

Convention date 15th July, 1980/PE 4524 (Australia).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

A method of making an insulator of the kind comprising a column comprised of a plurality of alternatingly nes'ed shells of metallic and insulating material extending between upper and lower end fittings respectively located at opposite ends of said column:

each metallic shell including a bottom skirt portion, a centre portion and an upper portion,

each insulating shell including an upper portion and a bottom skirt portion,

the length and configuration of each insulating shell being such that when in nested relationship over an adjacent underlying metallic shell, the skirt portion of the metallic shell remains cyr. sed, said method including the following sequential steps:

- (1) positioning a first metallic shell over said lower and fitting,
- deforming the bottom skirt portion of said first metallic shell into conformity with the underlying and fitting,
- (3) positioning a first insulating shell in substantially close-fitting relationship over said first metallic shell with the deformed skirt portion of said first metallic shell exposed,
- (4) positioning a second metallic shell over said first insulating shell with the upper portion of said second metallic shell spaced from the upper end of said first insulating shell,
- (5) deforming the bottom skirt portion of said second metallic shell inwardly so that pressure is transferred through the interposed insulating shell to the centre portion of the first metallic shell resulting in the centre portion of the first metallic shell being deformed into conformity with the underlying end fitting,
- (6) positioning a second insulating shell over said second metallic shell in the manner defined above in step (3) for said first insulating shell,
- (7) positioning a third metallic shell in spaced relationship to said second insulating shell in the manner defined above for step (4) for said second metallic shell,
- (8) deforming the bottom skirt portion of said third metallic shell inwardly so that pressure is transferred simultaneously through the interposed insulating shell, the centre portion of said second metallic shell, the first insulating shell to the upper portion of the first metallic shell resulting in the sandwiching of the shells,
- (9) repeating the above steps as required to assemble a predetermined number of metallic and insulating shells, and,
- (10) coupling said upper end fitting to the assembled column of alternatingly nested metallic and insulating shells.

Compl. specn. 10 pages.

Drg. 3 sheets.

CLASS: 40 F

156979

Int. CI.: B 01 f 3/00.

APPARATUS FOR DISPERSING A GASEOUS OR VAPOURISED PHEROMONE INTO ATMOSPHERE.

Applicant: ARTHUR WILLIAM MITCHELL, OF SANDYACRE, 18 BALLYARDLE ROAD, KILKEEL, COUNTY DOWN, NORTHERN IRELAND, A BRITISH CITIZEN.

Inventor: ARTHUR WILLIAM MITCHELL!

Application for Patent No. 487/Del/81 filed on 31st July, 1981.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

An apparatus for dispersing a gaseous or vapourised pheromone into the atmosphere, comprising a container in which are provided means to hold at least one source from which gaseous or vapourised pheromone is released, the container having at its top an outlet over which means to create an upward draught is mounted with means being provided adjacent to or below the holding means through which air can be drawn into the container, the means to create an upward draught comprising a series of annular vanes arranged in a pre-determined spaced relationship the upper most and lowermost of which are parallel and of frusto conical shape or substantially of frusto conical shape, central apertures in said vanes, a common axis about which the vanes are centred and arranged in predetermined vertical spaced relationship, a plurality of supports parallel to and radial of said axis, the lower two of said vanes converging towards their common axis to form a venturi at their inner peripheries, a device of aerodynamic shape mounted coaxially with the vanes and located between the upper two vanes, the device being circular in plan and masking the central apertures in the vanes, and having upper and lower cone like or dish shaped air deflecting walls airanged base to base about said common axis, the upper wall of the device being parallel or substantially parallel to the uppermost and lowermost vanes.

compl. specn. 11 pages.

Drg. 3 sheets.

CLASS: 107 K

156980

Int. Cl.: F 011-1/32.

VALVE ROTATING DEVICE FOR INTERNAL COMBUSTION ENGINE VALVES.

Applicant: MARKISCHES WERK GMBH, A GERMAN BODY CORPORATE, OF 21 HAUS HEIDE, HALVER, WEST GERMANY.

Inventor: NIKOLAUS WENDEL & HEER JOACHIM PLENER.

Application for Patent No. 497/Del/1981 filed on 5th August, 1981

Convention date 19th August, 1980/8027903 (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

19 Claims

Valve-rotating device, especially for internal combustion engines, having a valve spring braceable between upper and lower spring plates and a freewheel device allocated to the lower valve plate or the cylinder head, which permits rotation of the valve in only one direction on loading and unloading of the valve spring, characterised in that between the upper and lower spring plates a two-part rotating part is arranged the two parts of which, engaging in one another, rotate with the valve, the lower part being connected through the freewheel device with the cylinder head and the upper part being connected with the upper spring plate.

Compl. specn. 22 pages.

Drg. 3 sheet.

CLASS: 32E

156981

Int. Cl.: C 08 f 9/00, 23/00 & 35/04.

A METHOD OF PRODUCTION OF COPOLYMERS OF ETHYLENE.

Applicant: SOCIETE CHIMIQUE DES CHARBON-NAGES S.A., F TOUR AURORE, PLACE DES RAFLETS, F-92080 PARIS LA DEFENSE, CEDFX NO. 5, FRANCE, A FRENCH COMPANY.

Inventor: JEAN-PIERRE MACHON, FLORENT RAVIOLA & MARIUS HERT.

Application for Patent No. 520/Del/1981 filed on 17th August, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A method of production of copolymers of ethylene comprising copolymenzing othylene and coolefins having at least 4 aloms or carbon in at least one reactor including at least one zone at a temperature lying between 180° and 320 C and under a pressize lying between 300 and 2500 bars, by means of a cata ytic system of Liegler type comprising fi stly an activator chosen from the hydrides and the organometallic compounds of the metal of the groups I to III of the Pe iodic table and secondly at least one halogenated compound of transition metal, characterized in that directly the flow of gas feeding the reactor consists in steady operation of 35 to 80% by weight of ethyl ne and of 20 to 665% by weight of checking the catalytic system exhibits a reactivity with respect to the ethylene which is very much higher than its reactivity with respect to the coolefin.

Compl. specn. 14 pages.

CLASS: 631 & 85J, K

156982

Int. Cl.: F 02 g 3/00 & F 27 b 15/00.

IMPROVEMENT RELATING TO POWER GENERA-TION PLANT.

Applicant: FLUIDISED COMBUSTION CONTRACTORS LIMITED, ENGINEERS A HIMITED LIABILITY COM-PANY INCORPORATED UNDER THE LAWS OF GREAT BRITAIN, OF 11 THE BOULEVARD, CRAWLEY, SUSSEX HR10 1UX, ENGLAND

Inventors: PETER THOMAS HILLIARD; DFREK GRAHAM PATTLE & WILLIAM BENJAMIN MERVYN ROWLANDS.

Application for patent No. 523/Del/1981 filed on 18th August, 1981.

Convention date 18th August, 1980/8026816 (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

13 Claims

Power generation plant having a fluidised bed furance cluding, connected in a circulatory arrangement, a combustion chamber, a separating chamber and a heat transfer bed, the separa ing chamber cliecting separation of solids particles from combustion gases in combustion produc's from said combustion chamber, the solids particles being discharged from the separating chamber to the heat transfer bed and the combustion gases from the furance, wherein feed means are connected to said combustion chamber for supplying fuel particles from an external source as well as fluidising gases at a relatively high velocity to discharge said combustion products from and combustion chamber to said separating chamber, said heat transfer bed including spaced air nozzles located therein for supplying fluiding fluiding gases at relatively low velocity to effect flow of said solids particles around heat transfer surfaces of tubes located in said heat transfer bed and to discharge said solids particles and the fluidising gases to said combustion chamber.

Compl. specn 13 pages

Drg. 3 sheets.

CLASS · 70A

156983

Int. Cl.: B 01 K 1/00

ELECTROCHEMICAL CELL HAVING A SAFETY VENT CLOSURE AND A METHOD OF PRODUCING THE CELL.

Applicant: UNION CARBIDE CORPORATION MANUFACTURERS, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, LOCATED AT 270 PARK AVENUE, NEW YORK, 10017, UNITED STATES OF AMERICA.

Inventor: RONALD LEO ZUPANCIC.

Application for Patent No. 531/Del/1981 filed on 19th August 1981.

Appropriate office for epposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

17 Claims

An il eticohimical cell having a safety vent c'osure in which is netive commenents of he cell are assembled within a retising complising a container closed at its open within a reasong complising a container closed at its open end by a cover, and having at its some vine of ite; the improvement being said safety vent cloture complising a conductive abulant member secured to the following and surrounding the vent office and to mable surrounding the vent crifice theory proveing a normally fluid times at a said vent differ and when n said deformed members is adject to be at less prairily upled from the vertions ce upon a buildup if a pride emined internal gas pressure inside the cell that by producing a permanent vent.

Compl. specn. 26 pages

Dig. 2 sheets.

CLASS: 157 D4&4 (.)

156984

Int. Cl.: E01b 11/00, 9/30, 9/48.

A RAIL CLIP FOR RAILWAY TRACK.

Applicant: PANDROL LIMITED, A ERITEH COMPANY, OF 9 HOLBORN, LONDON ECON TNE, GREAT BRITAIN.

Inventor . TREVOR PAUL BROWN.

Application for Patent No. 554, Del/1981 filed on 27th August, 1981.

Convention date 29th September, 1980/8031392/U.K.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, N.w Delhi-110005.

9 Claims

A rail clip, for holding down a railway rail comprising a rod of resilient metal, at least 8 mm, which which has been bent so that it comprises, proceeding from one end of the rod to the other end, a struction which constitutes a substantially straight leg a second portion in the form of a reverse band, a third portion beside the first politon. of a reverse find, a find portion besies the first position a fourth portion in the form of a reverse bend and then a fich potton which erminates at fail (they and of the rod and is beside the first portion, the can guration being such that when the clip is in a position (which is called below "the defined position") in which the first portion is horizontal and the lowes mains at appreciations of the first portion is in the cause her goath, goath, a consequence of the first portion lie in the same he zontal plans as one another and the lowest points on the thid and fish portions lie in the same horizontal plans as one another, a section of the four's patron lies very above and ercos-wise over the extra of the first portion and when the clip is viewed from above the third and of h portions app at the be on opposite sides of the first so tion, the clin having on the underside of its third portion when the clip is in sid defined position, a step having a face which faces away from said one end of the rod.

Compl. specn. 8 pages.

Drg. 2 sheets.

CLASS: 80I

156985

Int. Cl.: B 01 d 35/00.

A FUEL FILTER INSERT.

Applicant: M/S. PUROLATOR INDIA LIMITED 1, SRI AUFOBINDO MARG, NEW DTLHI-116016, INDIA, AN INDIAN COMPANY.

Inventor: SESHADRI KRISHNA KUMAR.

Application for Patent No. 555/Del/1981 filed on 28th August, 1981.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

6 Claims

A fuel filter insert comprising an annular filter element in the form of a pleated member, an outer projective cover for said filter element, end plates for holding said element and cover, each of the said end plates having an outer wall at the peripheral end the cof and an integral supporting means spaced from said outer wall for supporting the filter element between said outer wall and supporting means, said supporting means comprising a recess formed on the outer surface of said end plates, said recess defining an inner annular wall spaced from the outer surface of said end plates, said recess defining an inner annular wall spaced from the outer supporting the filter element therefore, a central opening provided in said end plates and in correspondence with the opening of said filter element for discharge, of the filtered fuel therefrom.

Compl. speen. 11 pages,

Drg. 1 sheet.

CLASS: 97F & 129 N

156986

Int. Cl.: B 23k 1/20, H 05 k 1/04.

"DEVICE FOR APPLYING SOLDER TO PRINTED CIRCUIT BOARDS".

Applicant: SINTER LIMITED, OF 15 PEMBROKE ROAD, BRISTOL BS99 7DX, ENGLAND, A BRITISH COMPANY.

Inventor: HANS PETER CARATSCH.

Application for Patent No. 558/Del/81 filed on 31st August, 1981.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

14 Claims

Device for applying solder to printed circuit boards comprising a solder bath vessel having an open upper end for rectiving a printed circuit board moved downwardly inta said vessel and guide means for guiding said printed circuit board into said vessel, said guide means comprising a pair of substantially parallel rows of vertically disposed spaced apart guide elements or rods located within said vessel, said rows of rods defining between them a space adapted to receive snugly but with sufficient play on all sides said printed circuit board, each face of said printed circuit board confronting and being maintained in position by each of said rows without impeding contact of the solder in said vessel with the edges of the printed circuit board.

Compl. specn. 15 pages.

Drg. 2 sheefs.

OPPOSITION PROCEEDINGS

(1)

An opposition, entered by M/s. Orissa Cement Limited to the g ant of a patent on an application for Patent No. 150464 made by Council of Scientific and Industrial Research, as notified in Part III, Section 2 of the Gazette of India, dated 7th May, 1983 has been partly allowed and a patent has been ordered to be sealed on the application subject to amendment of the specification.

(2)

An opposition entered by Belpahar Refractories Limited to the grant of a Patent on an application No. 151119 made by Orissa Cement Limited as notified in the Gazette of India. Part-III. Section 2 dated the 3rd September, 1983 has been dismissed and order that a putent shall be sealed subject to amendment of the specification.

(3)

An opposition has been entered by M/s. Pray Elect ospark Private Limited to the grant of a patent on application No. 156142 made by ENT Institute Metallore Zhuschikh Stankov.

(4)

An opposition has been entered by the Gillette Company to the grant of a patent on application No. 156290 made by M/s. Harbans Lal Malhotra & Sons Limited.

PATENTS SEALED

148485 148840 149056 151659 152053 152422 152523 152788 153258 153383 153423 153505 153606 153726 153914 153946 154179 154389 154481 154544 154602 154604 154607 154608 154631 154659 154673 154709 154717 154718 154719 154723 154731 154737 154745.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

The amendments proposed by Spafi-Societe Anonyme De Participations Financieres Et Industrielles, a French Company of 62 Boulevard Victor Hugo F92209 Neuily Sur Scine, France in respect of patent application No. 152701 as advertised in Part III, Section 2 of the Gazette of India dated the 27th July, 1985 have been allowed.

(2)

The amendments proposed by Asahi Kassi Kogyo Kabushiki Kaisha, a Japanese Joint Stock Company of 2-6, Dojimahama 1-chome, Kita-ku, Osaka Shi Japan in respect of Patent Application No. 153536 as advertised in Part III, Section 2 of the Gazette of India dated the 22nd June, 1985 has been allowed.

(3)

Notice is hereby given that N. V. Philips Gleellam-penf brie-ken, a limited liability company organ sed and established under the laws of the Kingdom of the Netherlands have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their Patent application. No. 154622 for "a device for error-correcting data transmiss on". The amendment are by way of corrections. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 14, Acharya Jagadi h. Bose Road, Calcutta-700 017 or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition Form 20 within three months from the date of this notification at the Patent Office, Calcut'a. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said.

RENEWAL FEES PAID

CESSATION OF PATENTS

138117 138121 138123 138124 138125 138128 138129 138131 138132 138137 138138 138139 138140 138142 138144 138145 138146 138147 138150 138151 138154 138158 138159 138160 138161 138162 138163 138164 138168 138169 138170 138173 138174 138175 138183 138189 138190 138191 138196 138198 138205 138208 138209 138210 138211 138212 138217 138218 138219 138222 138223 138224 138225 138227 138232 138233 138234 138237 138240 138244 138247 138248 138250 138251 138254 138255 138256 138259 138261 138264 138266 138267 138270 138271 138272 138273 138276 138277 138278 138280 138281 138282 138283 138286 138288 138290 138291 138293 138294 138295 138296 138298 138299 138300 138301 138302 138303 138304 138305 138309 138311 138312 138315 138317 138318 138320 138322 138323 138324 138326 138330 138337 138338 138339 138340 141782 146663 152992 152248 152591 153363.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 141687 dated the 11th February, 1974 made by Louis Bucalo on the 29th January, 1985 and notified in the Gazette of India, Part-III, Section 2 dated the 22nd June. 1985 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 149165 dated the 13th February, 1978 by the Tata Iron & Steel Company Limited on the 3rd January, 1985 and notified in the Gazette of India, Part-III, Section 2 dated the 10th August, 1985 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 149406 dated the 13th February, 1979 made by Josef Martin Feuerungsbau GmbH on the 3rd January, 1985 and notified in the Gazette of India, Part-III, Sec ion 2 dated the 22nd June, 1985 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 149844 dated the 17th March, 1978 made by Trutzschler GmbH & Co. KG. on the 5th February. 1985 and notified in the Gazette of India, Part-III, Section 2 dated the 10th August, 1985 has been allowed and the said patent restored.

CANCELLATION PROCEEDINGS (SECTION 51A)

(1)

An application made by Plastella for cancellation of the Registration of Design No. 155090 in Class 3 in the name of Crystal Plastics & Metallizing Pvt. Ltd. has been filed.

(2)

An application made by Nav Bharat Plastics for cancellation of the registration of Design No. 155473 in Class 3 in the name of Bharat Plastics.

(3)

An application made by Acpressure Research Centre for cancellation of the Registration of Design No. 155538 in Class 10 in the name of Satish Chandra Lakhotia has been filed.

(4)

An application made by Ashok Iron & Steel Fabricators for cancellation of the registration of Design No. 155645 in the name of Bhagwati Steel Industries, has been filed.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

- Class 1. No. 155674. Prabhakar Ramachandra Potdar Prop. Electra & Co. 1st Lane, Jaysingpur 416 101, Dist. Kolhapur, Maharashtra State, India, A Subject of the Republic of India. "Hand Engraving Machine". 15th May, 1985.
- Class 1. No. 156095. Arun Khanna, Indian National, of 63/2, Koregaon Park, Poena 411 001, State of Maharashtra, India. "Bottle". 4th October, 1985.
- Class 3. No. 155901. Toi-Toy (a registered partnership firm) of 5 Dattani Shopping Centre, Vasanji Lalji Road, Kandivli (West) Bombay 400 067, State of Maharashtra, India. "Coaster Cum Spoon-Pen Stand". 30.h July, 1985.
- Class 3. No. 156096. Universal Luggage Manufacturing
 Company Private Limited, an existing Company
 under the Indian Companies Act, at Build.ng-B,
 Shah Industrial Estate, Saki Vihar Road, Bombay400 072, State of Maharashtra, India. "Mo.orcycle Carrier Bag". 4th October, 1985.
- Class 3. No. 156097. Universal Luggage Manufacturing Compary Private Limited, an existing Company under the Indian Companies Act, at Building-B, Shah Industrial Estate, Saki Vihar Road, Bombay-400 072, State of Maharashtra, India "Motorcycle Carrier Bag". 4th October, 1985.
- Class 3. No. 155994. Sab Electronics Private Limited (a Company incorporated under the Companies Act) at 302-A Poonam Chambers, 3rd floor, Dr. Annie Besant Road, Worli, Bombay-400 018, State of Maharashtra, India "Television Cabinet". 28th August, 1985.
- Class 3. No. 155995. Sab Electronics Private Limited (a Company incorporated under the Companies Act) at 302-A Poonam Chambers, 3rd floor, Dr. Annie Besant Road, Worli, Bombay-400 018, State of Maharashtra, India. "Television Cabinet". 28th August, 1985.

- Class 3. No. 155908. Daniel Alias Fernandes Indian National of M/s. Francis Engineering Wo:ks, at Marcl Coop. Industrial Estate, Ltd., Plot No. 77-78, Mathurdas Vassanji Road, J.B. Nagar, Post Marol, Bombay 400 059, State of Maharashtra, India. "Cassette Rack". 2nd August, 1985.
- Class 3. No. 155958. Shree Krishnakeshav Laboratories Ltd., of Amraiwadi Road, Ahmedabad-380 008, India, an Indian Company. "Bottle". 19th August, 1985.
- Class 3. No. 156157. Hindustan Vacuum Glass Limited, Sanskriti Bhawan, Jhandewalan, New Delhi (a company incorporated under the Indian Companies Act). "Vacuum Flask" (Thermos). 25th October, 1985.
- Class 5. No. 155909. Raj Manufacturing Company, (a registered Partnership firm) of Barar House, 237, Abdul Rehman Street, Bombay 400 003, State of Maharashtra, India. "Pencil", 2nd August, 1985.
- Class 12. No. 155785. M/s. Great India Biscuit Industries.

 Baruipur Kulpi Road (Baruipur), an Indian Partnership Firm. "Biscuit". 24th June, 1985.

 Exin. of Copyright for the Second period of five years.

 Nos. 149851, 152941, 150033, 150036, 150057, 150059, 150060. Class 1.

 Nos. 150273, 154682, 150036, 150837, 150792 ... Class 3.

 Exin. of Copyright for the third period of five years.

 No. 152941. Class 1.

 Nos. 154682, 150837, 150792 ... Class 3.

R. A. ACHARYA
Controller General of Patents, Design
and Trade Marks